AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A method for recovering a budded baculovirus expressing an intracellular organelle membrane-bound protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, ~~a protein involved in adhesion, a protein involved in antigen presentation,~~ or a protein involved in formation of high dimensional structure of a protein ~~by~~ comprising culturing a host infected with at least one recombinant baculovirus which contains a gene encoding said protein, expressing said protein in a budded baculovirus released from said host, and separating the budded baculovirus.

Claim 2 (currently amended): A method for preparing an intracellular organelle membrane-bound protein which comprises:

culturing a host infected with a recombinant baculovirus which contains a gene encoding a protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, ~~a protein involved in adhesion, a protein involved in antigen presentation,~~ or a protein involved in formation of high dimensional structure of a protein;

recovering a budded baculovirus released from said host; and

recovering the protein expressed from said budded baculovirus.

Claim 3 (currently amended): The method of claim 1 wherein the protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, ~~a protein involved in adhesion, a protein involved in antigen presentation,~~ or a protein involved in formation of high dimensional structure of a protein is a membrane-bound protein of a cell organelle.

Claim 4 (currently amended): The method of claim 2 wherein the protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, ~~a protein involved in adhesion, a protein involved in antigen presentation,~~ or a protein involved in formation of high dimensional structure of a protein is a membrane-bound protein of a cell organelle.

Claim 5 (currently amended): The method of claim 1 wherein the protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, ~~a protein involved in adhesion, a protein involved in antigen presentation,~~ or a protein involved in formation of high dimensional structure of a protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 6 (currently amended): The method of claim 2 wherein the protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound

Claim 21 (currently amended): A method for recovering a budded baculovirus expressing a non-receptor protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, ~~a protein involved in adhesion, a protein involved in antigen presentation,~~ or a protein involved in formation of high dimensional structure of a protein comprising culturing a host infected with at least one recombinant baculovirus which contains a gene encoding said protein, expressing said protein in a budded baculovirus released from said host, and separating the budded baculovirus.

Claim 22 (previously presented): The method of claim 21, wherein the protein is an Endoplasmic Reticulum-associated protein.

Claim 23 (previously presented): The method of claim 21, wherein the protein is an Golgi Apparatus-associated protein.

Claim 24 (previously presented): The method of claim 21, wherein the protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 25 (currently amended): A method for preparing a non-receptor protein which comprises:

culturing a host infected with a recombinant baculovirus which contains a gene encoding a protein selected from a membrane-bound enzyme, a substrate of the membrane-bound enzyme, a membrane-bound enzyme activator, a membrane-bound transport protein, a channel protein, a ~~membrane structural protein, a protein involved in adhesion,~~ a protein involved in antigen presentation, or a protein involved in formation of high dimensional structure of a protein;

enzyme activator, a membrane-bound transport protein, a channel protein, a membrane structural protein, ~~a protein involved in adhesion, a protein involved in antigen presentation,~~ or a protein involved in formation of high dimensional structure of a protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 7 (original): The method of claim 1 wherein the host is an insect cell or an insect larva.

Claim 8 (original): The method of claim 2 wherein the host is an insect cell or an insect larva.

Claims 9 – 14 (canceled)

Claim 15 (previously presented): The method of claim 1, wherein the protein is an Endoplasmic Reticulum-associated protein.

Claim 16 (previously presented): The method of claim 1, wherein the protein is an Golgi Apparatus-associated protein.

Claim 17 (previously presented): The method of claim 2, wherein the protein is an Endoplasmic Reticulum-associated protein.

Claim 18 (previously presented): The method of claim 2, wherein the protein is an Golgi Apparatus-associated protein.

Claim 19 (previously presented): The method of claim 1, wherein the protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

Claim 20 (previously presented): The method of claim 2, wherein the protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.

recovering a budded baculovirus released from said host; and

recovering the protein expressed from said budded baculovirus.

Claim 26 (previously presented): The method of claim 25, wherein the protein is an Endoplasmic Reticulum-associated protein.

Claim 27 (previously presented): The method of claim 25, wherein the protein is an Golgi Apparatus-associated protein.

Claim 28 (previously presented): The method of claim 25, wherein the protein is SREBP2, HMG-CoA reductase, S1P, or SREBP cleavage activating protein.